

Appl. No. 10/658,961
Amdt. Dated Feb. 1, 2005
Reply to Office Action of Nov. 01, 2004

Amendments to the Abstract:

Please amend the abstract as follows:

A planar surface illuminator (20) for installation below a liquid crystal display panel includes a light guide plate (22) and a plurality of ~~point-light sources~~ light emitting diodes (21). The light guide plate has a bottom surface (223), an end surface (221) and a number of dot-patterns (23) formed on the bottom surface. The ~~point-light sources~~ light emitting diodes are positioned adjacent the end surface to irradiate the light guide plate. ~~Darkened Shortfall~~ Darkened Shortfall areas (223a) ~~in the light guide plate between each two adjacent light emitting diodes~~ the-point-light sources are lightened by placing special dot-patterns (23a) therein, which special dot-patterns are made of melamine-based fluorescent particles. The melamine-based fluorescent particles function as ~~many~~ small light sources, thus lightening the ~~darkened shortfall~~ areas. ~~Therefore, the~~ The brightness of the planar surface illuminator is thereby balanced.